MITSUBISHI MOTOR SALES OF AMERICA, Inc.

TECHNICAL SERVICE BULLETIN

SUBJECT: ADDING FRICTION MODIFIER TO MANUAL TRANSMISSION CASE — SERVICE MANUAL UPDATE	NO. TSB-91-00-003
	DATE February, 1991
	MODEL Montero and 4WD Truck

TSB Revision TSB-91-00-003

PURPOSE

This service bulletin explains the procedure for adding friction modifier to the manual transmission case of 1989-91 Monteros and V-6 4WD Trucks. As a reference to this bulletin, write the TSB revision number in the TSB revision box located at the bottom of each affected Service Manual page.

RECEIVED
FEB 27 1991
PRODUCT ENGINEERING

AFFECTED SERVICE MANUALS

1989 Truck, Volume 1, Page 0-22.
1990 and 1991 Truck, Volume 1, Page 00-41.
1989 Montero, Volume 1, Page 0-22.
1990/91 Montero, Page 00-50.

PARTS INFORMATION

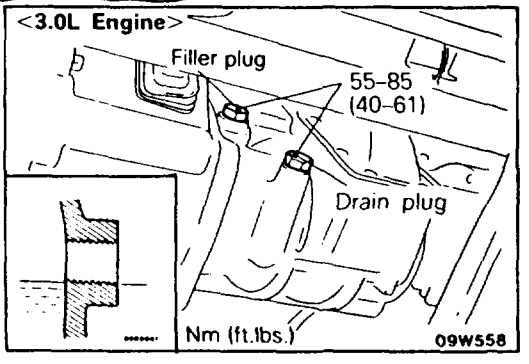
Part Number	Part Name
ME581050	Friction Modifier

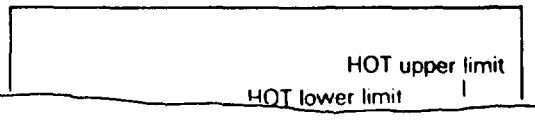
The friction modifier is available through your local PDC.

DESCRIPTION

Update the affected Service Manual pages as shown in the following examples:

1989 Montero





REPLACING TRANSMISSION OIL

1. Remove the drain plug and drain the transmission oil.
2. Replace the gasket with a new one and tighten the drain plug.
3. Apply a coating of sealant to the threaded part when installing the drain plug and the filler plug of the transmission of models with the 3.0L engine.

   Specified sealant: Three Bond 1105D or equivalent

4b. Fill with new oil through the filler plug until the oil level reaches the plug hole.

Manual transmission oil capacity :

<2.6L Engine>	**2.2 liters (4.7 pints)**
<3.0L Engine>	**2.5 liters (5.3 pints)**

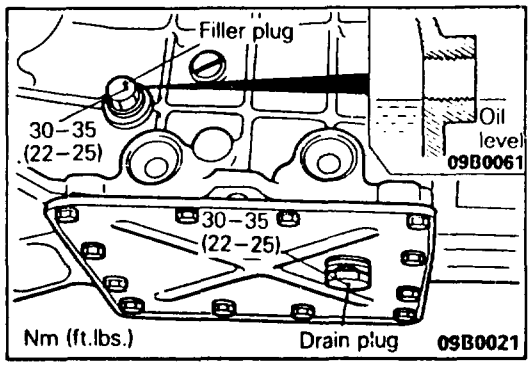
4a. Add one bottle of Friction Modifier through filler plug hole.

Continued . . . 023475

FILE UNDER: Group 00 General in the Dealer Service Information Binder (893)

CIRCULATE TO:			
☐ GENERAL MANAGER	☑ PARTS MANAGER	☑ TECHNICIAN	☐ SERVICE ADVISOR
☑ SERVICE MANAGER	☐ WARRANTY PROCESSOR	☐ SALES MANAGER	

1989 Truck



REPLACING TRANSMISSION OIL

1. Remove the drain plug and drain the transmission oil.
2. Replace the gasket with a new one and tighten the drain plug.

3.b. Fill with new oil through the filler plug until the oil level reaches the plug hole.

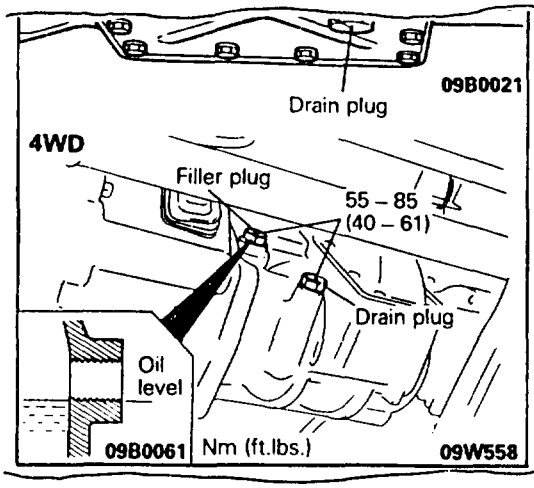
Manual transmission oil capacity :

2WD	**2.3 liters (4.9 pints)**
4WD	**2.2 liters (4.7 pints)**

3.a. Add one bottle of Friction Modifier through filler plug hole.

AUTOMATIC TRANSMISSION (Check fluid level)

1990 and 1991 Truck



TRANSMISSION OIL REPLACEMENT

1. Remove the drain plug and drain the transmission oil.
2. Replace the gasket with a new one and tighten the drain plug.
3. Apply a coating of sealant to the threaded part when installing the drain plug and the filler plug of the transmission of models with the 3.0L engine.

Specified sealant: Three Bond 1105D or equivalent

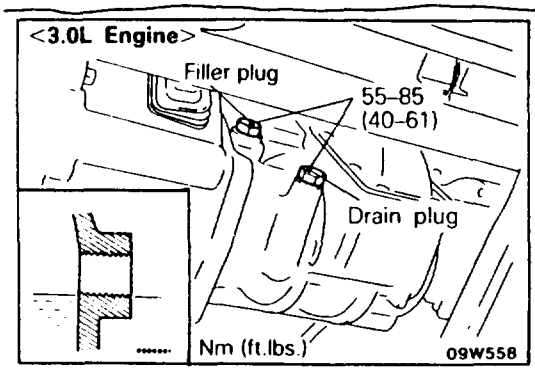
4.b. Fill with new oil through the filler plug until the oil level reaches the plug hole.

4.a. Add one bottle of Friction Modifier through filler plug hole.

Manual transmission oil capacity:

<RWD>	**2.3 liters (2.43 qts.)**
<4WD>	**2.5 liters (2.6 qts.)**

1990-91 Montero



REPLACING TRANSMISSION OIL

1. Remove the drain plug and drain the transmission oil.
2. Replace the gasket with a new one and tighten the drain plug.
3. Apply a coating of sealant to the threaded part when installing the drain plug and the filler plug of the transmission of models with the 3.0L engine.

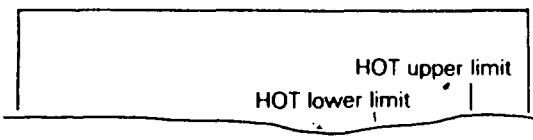
Specified sealant: Three Bond 1105D or equivalent

4.b. Fill with new oil through the filler plug until the oil level reaches the plug hole.

4.a. Add one bottle of Friction Modifier through filler plug hole.

Manual transmission oil capacity:

<2.6L Engine>	**2.2 liters (2.3 qts.)**
<3.0L Engine>	**2.5 liters (2.6 qts.)**



24. AUTOMATIC TRANSMISSION (Check fluid